

Abstract of the Disclosure

A volume-changeable work chamber (10) is filled with a hydraulic liquid and is disposed between the legs (8a, 8b) of the spring body (8) of a hydraulic radial bearing (2). The work chamber (10) is connected to at least one compensating chamber (20a and/or 20b) via at least one transfer channel (14a and/or 14b). the desired absorption of disturbing noises especially in the region of 130 Hz is obtained with a special dimensioning of the cross-sectional area (piston surface, A) of the work chamber (10), the dynamic swell stiffness of the spring body (8) and the length (L) and the total cross-sectional area (A_2) of the at least one transfer channel (14a and/or 14b). The ratio of the effective cross-sectional area (A_1) of the work chamber (piston, 10) to the cross-sectional area (A_2) of the at least one channel (14a and/or 14b) lies preferably between 0.1 and 10 while the ratio of the length (L) of the transfer channel (14a and/or 14b) to the total cross-sectional area (A_2) of the at least one transfer channel (14a and/or 14b) is preferably in the range of 0.1 to 4.0. The cross section (piston area, A_1) of the work chamber (10) can include a constriction (26a and/or 26b).